

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 17170-004001(25835-4003)		Application No. 10/684,178	
List of Patents and Publications for Applicant's Information Disclosure Statement (37 CFR §1.98(b))				Applicant Gerardo M. Castillo et al.			
				Filing Date October 10, 2003		Group Art Unit 1625	
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
K	A	3,536,809	10/27/1970	Applezweig	424	28	2/17/1969
76	B	3,598,123	8/10/1971	Zaffaroni	128	268	4/1/1969
H	C	3,845,770	11/5/1974	Theeuwes et al.	128	260	6/5/1972
76	D	3,916,899	11/4/1975	Theeuwes et al.	128	260	2/7/1974
R	E	4,008,719	2/22/1977	Theeuwes et al.	128	260	2/2/1976
H	F	4,710,384	12/1/1987	Rotman	424	465	7/28/1986
R	G	5,059,595	10/22/1991	Le Grazie	424	468	3/20/1990
R	H	5,061,629	10/29/1991	Coffen et al.	435	280	10/29/1990
L	I	5,073,543	12/17/1991	Marshall et al.	514	21	7/21/1988
H	J	5,120,548	6/9/1992	McClelland et al.	424	473	11/7/1989
R	K	5,354,556	10/11/1994	Sparks et al.	424	9	7/9/1990
R	L	5,478,579	12/26/1995	Sawruk	424	535	7/21/1993
R	M	5,591,767	6/7/1997	Mohr et al.	514	413	6/6/1995
76	N	5,639,476	6/17/1997	Oshlack et al.	424	468	6/2/1995
R	O	5,643,562	7/1/1997	Kisilevsky et al.	424	78.31	3/15/1995
R	P	5,674,533	10/7/1997	Santus et al.	424	493	5/26/1995
H	Q	5,703,129	12/30/1997	Felsenstein et al.	514	613	9/30/1996
R	R	5,728,375	3/17/1998	Kisilevsky et al.	424	78.31	6/6/1995
R	S	5,733,566	3/31/1998	Lewis	424	426	10/30/1995
R	T	5,767,126	6/16/1998	Marchbanks	514	297	10/18/1994
R	U	5,958,883	9/28/1999	Snow	514	16	6/5/1995
R	V	6,037,327	3/14/2000	Castillo et al.	514	23	8/28/1998
76	W	6,264,994	7/24/2001	Castillo et al.	424	725	12/8/1998
H	X	6,297,281	10/2/2001	de Lassauniere et al.	514	589	3/2/1999
H	Y	6,340,783	1/22/2002	Snow	800	12	10/3/1996
R	Z	6,346,280	2/12/2002	Castillo et al.	424	725	11/24/1998
H	AA	6,432,636	8/13/2002	Maresh et al.	435	6	8/26/1997

Examiner Signature <i>Raymond Conley</i>	Date Considered 7/3/02
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b>  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 17170-004001(25835-4003)	Application No. 10/684,178
	Applicant Gerardo M. Castillo et al.		
	Filing Date October 10, 2003		Group Art Unit 1625

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>Ro</i>	AB	6,563,016	5/13/2003	Snow et al.	800	12	3/27/2000
<i>Ro</i>	AC	6,607,758	8/19/2003	Castillo et al.	424	769	8/24/2001
<i>Ro</i>	AD	2001/0047032	11/29/01	Castillo et al.	514	453	12/26/00
<i>Ro</i>	AE	2002/0086067	7/4/2002	Choi et al.	424	729	12/29/2000
<i>Ro</i>	AF	2002/0111309	8/15/2002	Castillo et al.	514	12	8/22/2001
<i>Ro</i>	AG	2002/0119934	8/29/2002	Castillo et al.	514	23	4/29/2002
<i>Ro</i>	AH	2002/0150637	10/17/2002	Castillo et al.	424	730	3/26/2002
<i>Ro</i>	AI	2002/0150948	10/17/2002	Castillo et al.	435	7.1	11/2/2001
<i>Ro</i>	AJ	2002/0151506	10/17/2002	Castillo et al.	514	27	3/15/2002
<i>Ro</i>	AK	2002/0168753	11/14/2002	Castillo et al.	435	226	11/30/2001
<i>Ro</i>	AL	2002/0197692	12/26/2002	Castillo et al.	435	184	11/2/2001
<i>Ro</i>	AM	2003/0013648	1/16/2003	Castillo et al.	514	12	9/24/2001
<i>Ro</i>	AN	2003/0017998	1/23/2003	Snow et al.	514	27	2/15/2002
<i>Ro</i>	AO	2003/0153734	8/14/2003	Castillo et al.	530	370	12/18/2002
<i>Ro</i>	AP	2003/0233669	12/18/03	Snow et al.	800	18	03/05/03

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>Ro</i>	AQ	00/12102	3/9/2000	PCT				
<i>Ro</i>	AR	00/30666	6/2/2000	PCT				
<i>Ro</i>	AS	00/33659	6/15/2000	PCT				
<i>Ro</i>	AT	00/55187	9/21/2000	PCT				
<i>Ro</i>	AU	00/57707	10/5/2000	PCT				
<i>Ro</i>	AV	01/49307	7/12/2001	PCT				
<i>Ro</i>	AW	01/56567	8/9/2001	PCT				
<i>Ro</i>	AX	02/062422	8/15/2002	PCT				
<i>Ro</i>	AY	02/076381	10/3/2002	PCT				

Examiner Signature <i>Gerardo M. Castillo</i>	Date Considered 7/3/05
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 17170-004001(25835-4003)	Application No. 10/684,178
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))		Applicant Gerardo M. Castillo et al.	
		Filing Date October 10, 2003	Group Art Unit 1625

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>h</i>	AZ	02/41842	5/30/2002	PCT				
<i>h</i>	BA	02/42329	5/30/2002	PCT				
<i>h</i>	BB	1-151514	6/14/1989	JP				Abstract
<i>h</i>	BC	96/28187	9/19/1996	PCT				
<i>h</i>	BD	97/46664	12/11/1997	PCT				
<i>h</i>	BE	98/09653	3/12/1998	PCT				
<i>h</i>	BF	98/15178	4/16/1998	PCT				
<i>h</i>	BG	98/34646	8/13/1998	PCT				
<i>h</i>	BH	98/39653	9/11/1998	PCT				
<i>h</i>	BI	98/51302	11/19/1998	PCT				
<i>h</i>	BJ	99/09999	3/4/1999	PCT				
<i>h</i>	BK	99/45947	9/16/1999	PCT				

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>h</i>	BL	Acheson et al. "The synthesis of some acylglycines and related oxazolones," J. Am. Chem. Soc. Abstracts., pp.3457-61 (1960)
<i>h</i>	BM	Advanced Organic Chemistry: Reactions, Mechanisms, and Structure, 4th ed. (Jerry March Ed.) New York: John Wiley & Sons (1992), Chapter 4, pp.94-164
<i>h</i>	BN	Altmann et al., "Effects of the 1,2-Dimethylhydrazine on the Number of Epithelial Cells Present in the Villi, Crypts, and Mitotic Pool along the Rat Small Intestine," Cancer Research 44:5522-5531 (1984)
<i>h</i>	BO	Arai et al., "Argyrophilic glial inclusions in the midbrain of patients with Parkinson's disease and diffuse Lewy body disease are immunopositive for NACP/ $\alpha$ -synuclein," Neurosc. Lett. 259:83-86 (1999)
<i>h</i>	BP	Arnaudinaud et al., "Total synthesis of isotopically labelled flavonoids. Part 5: Gram scale production of $^{13}\text{C}$ -labelled (-)-procyanidin B3," Tetrahedron Letters 42:5669-5671 (2001)
<i>h</i>	BQ	Askanas et al., " $\beta$ -Amyloid Precursor Epitopes in Muscle Fibers of Inclusion Body Myositis," Ann. Neurol. 34: 551-560 (1993)
<i>h</i>	BR	Barnér et al. "Donepezil Use in Alzheimer Disease," The Annals of Pharmacotherapy, 32:70-77, (1998)
<i>h</i>	BS	Bell, E.T., "Hyalinization of the islets of langerhans in nondiabetic individuals," Am. J. Pathol. 35:801-805 (1959)
<i>h</i>	BT	Benson et al. "Serum Amyloid a Protein in Amyloidosis, Rheumatic, and Neoplastic Diseases," Arthritis and Rheumatism, 22(1): 36-42, (1979)

Examiner Signature <i>Gerardo M. Castillo</i>	Date Considered <i>7/3/08</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 17170-004001(25835-4003)		Application No. 10/684,178	
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))				Applicant Gerardo M. Castillo et al.			
				Filing Date October 10, 2003		Group Art Unit 1625	
Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
<i>K</i>	BU	Castillo et al. "Sulfate content and specific glycosaminoglycan backbone of perlecan are critical of perlecan's enhancement of islet amyloid polypeptide (Amylin) Fibril formation." Diabetes, 47: 612-620, (1998).					
<i>K</i>	BV	Castillo et al., "Laminin inhibition of beta-amyloid protein (A beta) fibrillogenesis and identification of an A beta binding site localized to the globular domain repeat on the laminin a chain", J. Neurosci. Res., 62(3):451-462 (2000)					
<i>K</i>	BW	Castillo et al., "The sulfate moieties of glycosaminoglycans are critical for the enhancement beta-amyloid protein fibril formation", J. Neurochem., 72(4):1681-1687 (1999)					
<i>K</i>	BX	Castillo. "Novel Purification and detailed characterization of perlecan isolated from the engelbreth-holm-swarm tumor for use in an animal model of fibrillar AB amyloid persistence in brain." J. Biochem. 120(2):433-444, (1996).					
<i>K</i>	BY	Castillo. "Perlecan Binds to the $\beta$ -amyloid proteins (A $\beta$ ) of alzheimer's disease, Accelerates A $\beta$ fibril formation, and Maintains A $\beta$ fibril Stability." Journal of Neurochemistry, 69( 6): 2452-2465, (1997).					
<i>K</i>	BZ	Cerri et al., "New Quinovic Acid Glycosides from Uncaria Tomentosa," Journal of Natural Products 51(2):257-261 (1988)					
<i>K</i>	CA	Chemical abstracts, vol. 50(g), 10 May 1956, column: 6402 by Tamura, Saburo et al. "VI. Syntheses of some w, w'-bis(3,4-dihydroxyphenyl)alkanes .1 "Journal of the Agricultural Chemical Society of Japan (Nippon Nogei Kagakukaishi), 27: 491-498 (1953)					
<i>K</i>	CB	Chemical abstracts, vol. 50(g), 10 May 1956, column: 6402 by Tamura, Saburo et al. "VI. Syntheses of some w, w'-bis(3,4-dihydroxyphenyl)alkanes .2" Journal of the Agricultural Chemical Society of Japan (Nippon Nogei Kagakukaishi), 27: 877-881 (1953)					
<i>K</i>	CC	Clark et al, "Islet Amyloid, Increased A-Cells, Reduced B-Cells and Exocrine Fibrosis: Quantitative Changes in The Pancreas in Type 2 Diabetes," Diabetes Res. 9:151-159, (1988)					
<i>K</i>	CD	Clark et al., "Localisation of islet and amyloid peptide in lipofuscin bodies and secretory granules of human B-cells and in islets of type-2 diabetic subjects," Cell Tissue Res. 257:179-185 (1989)					
<i>K</i>	CE	Conway et al., "Accelerated in vitro fibril formation by a mutant $\alpha$ -synuclein linked to early-onset Parkinson disease," Nature Med. 4:1318-1320, (1998)					
<i>K</i>	CF	Cooper et al. "Purification and characterization of a peptide from amyloid-rich pancreases of type 2 diabetic patients." Proc. Natl. Acad. Sci. USA, 84:8629-8632, (1987)					
<i>K</i>	CG	Crutcher et al., "Cellular and molecular pathology in Alzheimer's disease", Hippocampus, 3:271-287 (1993)					
<i>K</i>	CH	Cutler et al. "Correspondence: Tacrine in Alzheimers Disease," The New England Journal of Medicine, pp. 808-810, (Mar. 18, 1993.)					
<i>K</i>	CI	Czochanska et al, "Direct Proof of a Homogeneous Polyflavan-3-ol Structure for Polymeric Proanthocyanidins," J.C. S. Chem. Comm. pp. 375-377, (1979)					
<i>K</i>	CJ	Davidson et al., "The Effect of Aging on Carbohydrate Metabolism: A Review of the English Literature and a Practical Approach to the Diagnosis Mellitus in the Elderly," Metabolism 28(6):688-705 (1979)					
<i>K</i>	CK	Derwent Abstract for Japanese Patent Application, JP 1151514, published 06/14/89, "Compsn. for treating and preventing nervous diseases -contains carboxylic acid, prf. gallic or pyrogallol-4-carboxylic acid, esp. useful for alzheimers disease -contains carb oxylic acis, pref. gallic or pyrogallol-4-carboxylic acid, esp. useful for alzheimers disease "					

Examiner Signature <i>Raymond Compton</i>	Date Considered <i>7/3/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b>  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 17170-004001(25835-4003)	Application No. 10/684,178
	Applicant Gerardo M. Castillo et al.		
	Filing Date October 10, 2003	Group Art Unit 1625	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
<i>h</i>	CL	Fletcher et al, "Plant Proanthocyanidins. Part 3. Conformational and Configurational Studies of Natural Procyanidins," JCS Perkin 1:1628-1637, (1977)
<i>h</i>	CM	Flood et al. "Amnestic effects in mice of four synthetic peptides homologous to amyloid B protein from patients wit alzheimer disease." Proc. Natl. Acad. Sci. USA, 88:3363-3366 (1991)
<i>h</i>	CN	Flood et al. "An amyloid $\beta$ -protein fragment, A $\beta$ [12-18], equipotently impairs post-training memory processing when injected into different limbic system structures." Brain Research 663:271-276 (1994).
<i>h</i>	CO	Fraser et al., "Conformation and fibrillogenesis of Alzheimer A beta peptides with selected substitution of charged residues", J. Mol. Biol., 244(1):64-73 (1994)
<i>h</i>	CP	Fukuchi et al., "Increased expression of beta-amyloid protein precursor and microtubule-associated protein tau during the differentiation of murine embryonal carcinoma cells", J. Neurochem., 58(5):1863-1873 (1992)
<i>h</i>	CQ	Games et al. "Alzheimer-type neuropathology in transgenic mice overexpressing V717F B-amyloid precursor protein." Nature, 373: 523-527 (1995)
<i>h</i>	CR	Gejyo et al. "A New Form of Protein Associated with Chronic Hemodialysis was Identified as B2 Metroglobulin," Biochemical and Biophysical Research Communications, 129(3): 701-706, (1985).
<i>h</i>	CS	Gejyo et al. " $\beta$ 2-Metroglobulin: A New Form of Protein Associated with Chronic Hemodialysis," Kidney International, 30:385-590 (1986).
<i>h</i>	CT	Glenner et al. "Alzheimer's Disease: Initial Report of the Purification and Characterization of a Novel Cerebrovascular Amyloid Protein," Biochemical and Biophysical Research Communications, 120(3): 885-890 (1984)
<i>h</i>	CU	Grundke-Iqbal et al. "Abnormal Phosphorylation of the Microtubule-Associated Protein Tau Alzheimer Cytoskeletal Pathology," Proc. Natl. Acad. Sci. USA, 83:4913-4917 (1986)
<i>h</i>	CV	Gujer et al, "Glucosylated Flavonoids and Other Phenolic Compounds From Sorghum," Phytochemistry 25:1431-1436 (1986)
<i>h</i>	CW	Haass et al. "The swedish mutation causes early-onset alzheimer's disease by $\beta$ -secretase cleavage with in the secretory pathway." Nature Medicine 1(12):1291-1296 (1995).
<i>h</i>	CX	Harada et al. "Human Amyloid Protein: Chemical Variability and Homogeneity," Journal of Histochemistry and Cytochemistry, 19(1): 1-15 (1970)
<i>h</i>	CY	Hardy et al., "Framing $\beta$ -amyloid", Nature Genet., 1:233-234 (1992)
<i>h</i>	CZ	Harrigan et al. "Beta Amyloid is Neurotoxic in Hippocampal Slice Cultures," The Neurobiology of Aging, 16(5): 779-789, (1995)
<i>h</i>	DA	Hart et al., "Overproduction of perlecan core protein in cultured cells and transgenic mice", J. Pathol., 194(2):262-269 (2001)
<i>h</i>	DB	Hashimoto et al., "Tannins and Related Compounds. XC. 8-C-Ascorbyl (-)-Epigallocatechin 3-O-Gallate and Novel Dimeric Flavan-3-ols, Oolonghomobisflavans A and B, from Oolong Tea," Chem. Pharm. Bull. 37(12):3255-3263 (1989)
<i>h</i>	DC	Hashimoto et al., "Human recombinant NACP/ $\alpha$ -synuclein is aggregated and fibrillated in vitro: Relevance for Lewy body disease," Brain Res. 799:301-306, (1998)
<i>h</i>	DD	Hemingway et al, "Linkage Isomerism in Trimeric and Polymeric 2,3-cis-Procyanidins," J. Chem. Soc. Perkins Trans. 1:1209-1216 (1982)

Examiner Signature <i>Gerardo M. Castillo</i>	Date Considered <i>7/3/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 17170-004001(25835-4003)	Application No. 10/684,178
List of Patents and Publications for Applicant's Information Disclosure Statement		Applicant Gerardo M. Castillo et al.	
		Filing Date October 10, 2003	Group Art Unit 1625
(37 CFR §1.98(b))			

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>h</i>	DE	Hertel et al., "Inhibition of the electrostatic interaction between J-amyloid peptide and membranes prevents J-amyloid-induced toxicity," Proc. Natl. Acad. Sci. USA 94: 9412-9416 (1997)
<i>h</i>	DF	Hsiao et al., "Correlative Memory Deficits, A $\beta$ Elevation, and Amyloid Plaques in Transgenic Mice," Science 274:99-102 (1996)
<i>h</i>	DG	Ishii et al., "Studies on the Chemical Constituents of Rutaceous Plants. XLIX. Development of a Versatile Method for the Synthesis of Antitumor-Active Benzo[c]phenanthridine Alkaloids. (1) Preparation of Various 2,4-Bisaryl-4-oxo-butyronitriles and 2,4-Bisaryl-4-oxobutyramides," Chem. Pharm. Bull. 31(9):3024-3038 (1983)
<i>h</i>	DH	Ishimaru et al., "Flavan-2-ol and Procyanidin Glycosides from Quercus Miyagii," Phytochemistry 26:1167-1170, (1987)
<i>h</i>	DI	Janson et al., "Human Islet Amyloid Polypeptide (hIAPP) Cytotoxicity is caused by Membrane Damage," Diabetes 47:A250 (1998)
<i>h</i>	DJ	Johnson et al. "Islet Amyloid Polypeptide: Mechanisms of Amyloidogenesis in the Pancreatic Islet and Potential Roles in Diabetes Mellitus," Laboratory Investigation, 66(5): 522-534, (1992)
<i>h</i>	DK	Johnson et al. "Islet Amyloid, Islet-Amyloid Polypeptide, and Diabetes Mellitus," The New England Journal of Medicine, 321(8): 513-518, (1989)
<i>h</i>	DL	Jones et al., "The Condensed Tannins of Pasture Legume Species," Photochemistry, 15:1407-1409 (1976)
<i>h</i>	DM	Jucker et al., "Age-related deposition of glia-associated fibrillar material in brains of C57BL/6 mice", Neuroscience, 60(4):875-889 (1994)
<i>h</i>	DN	Kahn et al., "Evidence of Cosecretion of Islet Amyloid Polypeptide and Insulin by $\beta$ -Cells," Diabetes 39:634-638 (1990)
<i>h</i>	DO	Kamei et al. "Amyloidosis Associated with Juvenile Rheumatoid Arthritis," Acta Pathol. Jpn., 32(1):123-133 (1982)
<i>h</i>	DP	Kawamoto et al., "O-Benzoylation of Phloroglucinol via Phloroglucinol Triacetate," Synthetic Communications 26(3):531-534 (1996)
<i>h</i>	DQ	Kitaguchi et al. "Novel Precursor of Alzheimer's Disease Amyloid Protein Shows Protease Inhibitory Activity," Nature, 331:530-532, (1988)
<i>h</i>	DR	Klunk et al., "Quantifying Amyloid $\beta$ -Peptide (A $\beta$ ) Aggregation Using the Congo Red-A $\beta$ (CR-A $\beta$ ) Spectrophotometric Assay," Analytical Biochemistry 266:66-76 (1999)
<i>h</i>	DS	Kosik et al. "Microtubule--Associated Protein Tau is a Major Antigenic Component of Paired Helicule Filaments in Alzheimer's Disease," Proc. Natl. Acad. Sci. USA, 83:4044-4048 (1986)
<i>h</i>	DT	Krüger et al., "A1a30Pro mutation in the gene encoding I-synuclein in Parkinson's disease," Nature Genet. 18:106-108, (1998)
<i>h</i>	DU	Kubicova et al., "Synthesis of N,N'-Diarylalkanediamides and Their Antimycobacterial and Antialgal Activity," Molecules 5:714-726 (2000)
<i>h</i>	DV	Lee et al. "A68: A Major Subunit of Paired Helical Filaments and Derivatized Forms of Normal Tau," Science, 251: 675-678, (1991)
<i>h</i>	DW	Levine. "Thioflavine T interaction with synthetic alzheimer's disease B-amyloid peptides: Detection of amyloid aggregation in solution." Protein Science, 2:404-410, (1993)
<i>h</i>	DX	Levine. "Thioflavine T interacton with amyloid B-sheet structures. "Amyloid: Int. J. Exp. Clin. Invest. 2:1-6, (1995)

Examiner Signature <i>Raymond Conzola</i>	Date Considered <i>7/3/04</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 17170-004001(25835-4003)	Application No. 10/684,178
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))		Applicant Gerardo M. Castillo et al.	
		Filing Date October 10, 2003	Group Art Unit 1625

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>P</i>	DY	Lewy et al., "Die angeborenen Defekte und Entwicklungsstörungen des Gehirns," in Handbuch der Neurologie, Berlin:Springer-Verlag pp.920-933 (1912) [in German]
<i>P</i>	DZ	Lorenzo et al., "Pancreatic islet cell toxicity of amylin associated with type-2 diabetes mellitus," Nature 368:756-760, (1994)
<i>P</i>	EA	Mandybur et al. "Cerebral Amyloid Angiopathy: The Vascular Pathology and Complications," Journal of Neuropathology and Experimental Neurology, 45(1): 79-90, (1986).
<i>P</i>	EB	Maresh et al., "Detection and quantitation of perlecan mRNA levels in Alzheimer's disease a normal aged hippocampus by competitive reverse transcription-polymerase chain reaction," J. Neurochem., 67(3):1132-1144 (1996)
<i>P</i>	EC	Masters et al. "Amyloid Plaque Core Protein in Alzheimers Disease and Down Syndrome," Proc. Natl. Acad. Sci. USA 82:4245-4249 (1983)
<i>P</i>	ED	Matsui et al., "Synthesis and Characterization of Fluorescent 4,6-Disubstituted-3-cyano-2-methylpyridines," J. Chem. Soc. Perkins. Trans. 2, pp201-206 (1992)
<i>P</i>	EE	Matthews et al, "Method for estimation of Proanthocyanidins based on their acid depolymerization in the presence of nucleophiles," J. Agric. Food Chem. 45:1195-1201, (1997)
<i>P</i>	EF	Mattice et al., "Molecular weight averages and <sup>13</sup> C NMR intensities provide evidence for branching in proanthocyanidin polymers," Phytochem. 23(6):1309-1311, (1984)
<i>P</i>	EG	McAdam et al. "Association of Amyloidosis with Erythema Nodosum Leprosum Reactions and Recurrent Neutrophil Leucocytosis in Leprosy," The Lancet, pp. 572-576, Sep. 27, 1975.
<i>P</i>	EH	Metaxas et al. "Familial Mediterranean Fever and Amyloidosis," Kidney International, 20:676-685, (1981)
<i>P</i>	EI	Miller et al., "Localization of perlecan (or a perlecan-related macromolecule) to isolated microglia in vitro and to microglia/macrophages following infusion of beta-amyloid protein into rodent hippocampus", Gila, 21(2):228-243 (1997)
<i>P</i>	EJ	Morimoto et al, "Tannins and Related Compounds. LXI.1) Isolation and Structure of Novel Bi- and Triflavanoids from the leaves of Cassia fistula L.," Chem. Pharma. Bull. 36:39-47, (1988)
<i>P</i>	EK	Murray et al., "Synucleinopathies: a pathological and molecular review," Clinical Neuroscience Research 1:445-455 (2001)
<i>P</i>	EL	Murrell et al. "A mutation in the amyloid precursor protein associated with hereditary alzheimer's disease." Science, 254: 97-99 (1991)
<i>P</i>	EM	Nahri et al. "Both familial Parkinson's disease mutations accelerate I-Synuclein aggregation," J. Biol. Chem. 274:9843-9846 (1999)
<i>P</i>	EN	Naiki et al. "Kinetic analysis of amyloid Fibril polymerization in vitro." Laboratory Investigation, 65(1):104-110, (1991)
<i>P</i>	EO	Naiki, H. and K. Nakakuki, "First-order kinetic model of Alzheimer's J-amyloid fibril extension in vitro, " Laboratory investigation, 74(2):374-383 (1996)
<i>P</i>	EP	Nay et al., "Gram-scale Production and Applications of Optically Pure <sup>13</sup> C-Labelled (+)-Catechin and (-)-Epicatechin," Eur. J. Org. Chem. pp. 2379-2384 (2001)
<i>P</i>	EQ	Niwano et al., "Inhibitory action of amyloid precursor protein against human Hageman factor (factor XII)," J. Lab. Clin. Med. 125:251-6 (1995)
<i>P</i>	ER	Nochlin et al., "Familial dementia with PrP-positive amyloid plaques: A variant of Gerstmann-Sträussler syndrome," Neurology 39:910-918 (1989)

Examiner Signature <i>Raymond Conzola</i>	Date Considered <i>7/3/08</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 17170-004001(25835-4003)	Application No. 10/684,178
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))			Applicant Gerardo M. Castillo et al.	
			Filing Date October 10, 2003	Group Art Unit 1625
Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document		
<i>ke</i>	ES	Nonaka et al, "Tannins and Related Compound. XV.1) A New Class of Dimeric Flavan-3-ol Gallates, Theasinensins A and B, and Proanthocyanidin Gallates from Green Tea Leaf. (1)," Chem. Pharm. Bull. 31:3906-3914, (1983)		
<i>ke</i>	ET	Pardridge et al. "Amyloid Angiopathy of Alzheimer's Disease: Amino Acid Composition and Partial Sequence of a 4,200-Dalton Peptid Isolated from Cortical Microvessels," Journal of Neurochemistry, 49(5): 1394-1401, (1987)		
<i>ke</i>	EU	Pearl et al., "Reactions of Vanillin and Its Dervied Compounds. XXIX. 3,3',4,4'-Tetrahydroxy-benzil and Its Reduction," J. Org. Chem. 25:1449-1450 (1960)		
<i>ke</i>	EV	Piao et al., "Co-localization of $\alpha$ -synuclein and phosphorylated tau in neuronal and glial cytoplasmic inclusions in a patient with multiple system atrophy of long duration," Acta Neuropathol. 101:285-293 (2001)		
<i>ke</i>	EW	Pike et al. "In Vitro Aging of J-Amyloid Protein Cause Peptide Aggregation and Neurotoxicity," Brain Research, 563:311-314, (1991)		
<i>ke</i>	EX	Pike et al. "Structure-Activity Analyses of J-Amyloid Peptides: Contributions of the J25-35 Region to Aggregation and Neurotoxicity," Journal of Neurochemistry, 64(1): 253-265, (1995)		
<i>ke</i>	EY	Pollanen et al., "Pathology and Biology of the Lewy Body," Journal of Neuropathology and Experimental Neurology 52(3):183-191 (1993)		
<i>ke</i>	EZ	Polymeropoulos et al., "Mutation in the $\alpha$ -Synuclein Gene Identified in Families with Parkinson's Disease", Science, 276:2045-2047 (1997)		
<i>ke</i>	FA	Ponte et al. "A New A4 Amyloid mRNA Contains a Domain Homologous to Serine Proteinase Inhibitors," Nature, 311:525-527, (1988)		
<i>ke</i>	FB	Porter et al, "Isolation of three naturally occuring O-J-glucopyranosides of procyanidin polymers," Phytochemistry 24:567-569, (1985)		
<i>ke</i>	FC	Porter, L.J, "Flavans and proanthocyanidins, " Chapter 2 in Flavans and proanthocyanidins--Advances in Research since 1986, J B Harborne (Ed.) London: Chapman and Hall pp. 23-55, 1994		
<i>ke</i>	FD	Porter,J.J, "Flavans and proanthocyanidins," Chapter 2 in The Flavonoids--Advances in Research since 1980, J B Harborne (Ed.), London: Chapman and Hall, pp. 21-62, 1988		
<i>ke</i>	FE	Priour et al, "Oligomeric and polymeric procyanidins from grape seeds," Phytochem. 36:781-784, 1994		
<i>ke</i>	FF	Puchtler et al., "On the Binding of Congo Red by Amyloid," J. Histochem. Cytochem. 10:355-364 (1962)		
<i>ke</i>	FG	Santos-Buelga, C. and A. Scalbert, "Proanthocyanidins and tannin-like compounds - nature, occurrence, dietary intake and effects on nutrition and health," J. Sci., Food Agri. 80: 1094-1117, (2000)		
<i>ke</i>	FH	Saraiva et al. "Amyloid Fibril Protein in Familial Amyloidotic Polyneurotherapy, Portugese Type," J. Clin. Invest. 74:104-119 (1984)		
<i>ke</i>	FI	Saraiva et al. "Studies on Plasma Transthyretin (Prealbumin) in Familial Amyloidotic Polyneropathy, Portugese Type," J. Lab. Clin. Med. 102(4): 590-603, (1983)		
<i>ke</i>	FJ	Sekiguchi et al., "Characterization of proteoglycans synthesized by murine embryonal carcinoma cells (P19) reveals increased expression of perlecan (heparan sulfate proteoglycan) during neuronal differentiation", J. Neurosci. Res., 38(6):670-686 (1994)		

Examiner Signature <i>Raymond Corio</i>	Date Considered <i>7/3/88</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 17170-004001(25835-4003)	Application No. 10/684,178
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))			Applicant Gerardo M. Castillo et al.	
			Filing Date October 10, 2003	Group Art Unit 1625
Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document		
<i>JK</i>	FK	Skinner et al. "The Prealbumin Nature of the Amyloid Protein in Familial Amyloid Polyneuropathy (FAP)-Swedish Variety," Biochemical and Biophysical Research Communications, 99(4):1326-1332, (1981)		
<i>JK</i>	FL	Snow et al, "Heparin modulates the composition of the extracellular matrix domain surrounding arterial smooth muscle cells," Am J Pathol. 137(2): 313-30 (1990)		
<i>JK</i>	FM	Snow et al, "Time-related increase of nucleolar size and villus cell number during DMH carcinogenesis in the rat duodenal epithelium," Cell Biol Int Rep. 7(3):195 (1983)		
<i>JK</i>	FN	Snow et al. "A close ultrastructural relationship between sulfated proteoglycans and AA amyloid fibrils," Lab Invest. 57(6): 687-98 (1987)		
<i>JK</i>	FO	Snow et al. "A temporal and ultrastructural relationship between heparan sulfate proteoglycans and AA amyloid in experimental amyloidosis," J. Histochem Cytochem. 39(10): 1321-30 (1991)		
<i>JK</i>	FP	Snow et al. "Cationic dyes reveal proteoglycans structurally integrated within the characteristic lesions of Alzheimer's disease," Acta Neuropathol 78(2): 113-23		
<i>JK</i>	FQ	Snow et al. "Characterization of tissue and plasma glycosaminoglycans during experimental AA amyloidosis and acute inflammation. Qualitative and quantitative analysis," Lab Invest. 56(6): 665-75 (1987)		
<i>JK</i>	FR	Snow et al. "Congo red staining on 1 micron de-plasticized sections for detection of lesions in Alzheimer's disease and related disorders." Prog Clin Biol Res. 317:383-91 (1989)		
<i>JK</i>	FS	Snow et al. "Early accumulation of heparan sulfate in neurons and in the beta-amyloid protein-containing lesions of Alzheimer's disease and Down's syndrome." Am J Pathol. 137(5): 1253-70 (1990)		
<i>JK</i>	FT	Snow et al. "Electrophoresis of glycosaminoglycans isolated from normal human plasma. Direct evidence for the presence of a heparin-like molecule," Biomed Biochim Acta 46(7): 537-46 (1987)		
<i>JK</i>	FU	Snow et al. "Immunolocalization of heparan sulfate proteoglycans to the prion protein amyloid plaques of Gerstmann-Straussler syndrome, Creutzfeldt-Jakob disease and scrapie," Lab Invest. 63(5): 601-611 (1990)		
<i>JK</i>	FV	Snow et al. "Morphometric study of the rat duodenal epithelium during the initial six months of 1,2-imethylhydrazine carcinogenesis, Cancer Res. 43(10):4838-48 (1983)		
<i>JK</i>	FW	Snow et al. "Sulfated glycosaminoglycans in Alzheimer's disease," Hum Pathol. 18(5): 506-10 (1987)		
<i>JK</i>	FX	Snow et al. "Sulfated glycosaminoglycans in amyloid plaques of prion diseases," Acta Neuropathol. 77(4): 337-42 (1989)		
<i>JK</i>	FY	Snow et al. "Sulfated glycosaminoglycans: a common constituent of all amyloids?" Lab Invest. 56(1): 120-3 (1987)		
<i>JK</i>	FZ	Snow et al. "Temporal relationship between glycosaminoglycan accumulation and amyloid deposition during experimental amyloidosis. A histochemical study," Lab Invest. 53(1): 37-44 (1985)		
<i>JK</i>	GA	Snow et al. "The presence of heparan sulfate proteoglycans in the neuritic plaques and congophilic angiopathy in Alzheimer's disease." Am J Pathol. 133(3): 456-63 (1988)		
<i>JK</i>	GB	Snow et al., "An important role of heparan sulfate proteoglycan (Perlecan) in a model system for the deposition and persistence of fibrillar Aβ-amyloid in rat brain", Neuron., 12(1):219-234 (1994)		

Examiner Signature <i>Raymond Castillo</i>	Date Considered <i>7/3/08</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 17170-004001(25835-4003)	Application No. 10/684,178
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))		Applicant Gerardo M. Castillo et al.	
		Filing Date October 10, 2003	Group Art Unit 1625

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>K</i>	GC	Snow et al., "Differential binding of vascular cell-derived proteoglycans (perlecan, biglycan, decorin, and versican) to the beta-amyloid protein of Alzheimer's disease", Arch. Biochem. Biophys., 320(1):84-95 (1995)
<i>K</i>	GD	Snow et al., "Heparan sulfate proteoglycan in diffuse plaques of hippocampus but not of cerebellum in Alzheimer's disease brain", Am. J. Pathol., 144(2):337-347 (1994)
<i>K</i>	GE	Snow et al., "Identification in immunolocalization of a new class of proteoglycan (keratan sulfate) to the neuritic plaques of Alzheimer's disease", Exp. Neurol., 138(2):305-317 (1996)
<i>K</i>	GF	Snow et al., "In vitro and in vivo models to unravel the potential roles of Flavans and J/A4 in the pathogenesis of Alzheimer's disease", Hippocampus, 3(Special Issue):257-268 (1993)
<i>K</i>	GG	Snow et al., "Peripheral distribution of dermatan sulfate proteoglycans (decorin) in amyloid containing plaques and their presence in neurofibrillary tangles of Alzheimer's disease", J. Histochem Cytochem., 40(1):105-113 (1992)
<i>K</i>	GH	Snow, A. D., "Midwest summit on health care reform," Kansas Medicine 94(10): pp.258 and 272 (1993)
<i>K</i>	GI	Snow. "Proteoplycans in the pathogenesis of alzheimer's disease and other amyloidoses." Neurobiology of Aging, 10:481-497, (1989)
<i>K</i>	GJ	Spillantini et al., "I-Synuclein in filamentous inclusions in Lewy bodies from Parkinson's disease and dementia with Lewy bodies," Proc. Natl. Acad. Sci. USA. 95:6469-6473 (1998)
<i>K</i>	GK	Steynberg et al., "Oligomeric flavanoids. Part 27. Interflavanyl bond formation in procyanidins under neutral conditions," Tetrahedron 54:8153-8158 (1998)
<i>K</i>	GL	Tamura et al., "Studies on the inhibition of the Autoxidation of Oils and Fats. Part 6. The Syntheses of some w, w'-bis(3,4-dihydroxyphenyl)alkanes (1)," Journal of the Agricultural Chemical Society of Japan (Nippon Nogei Kagakukaishi), 27: 491-498 (1953)
<i>K</i>	GM	Tamura et al., "Studies on the inhibition of the Autoxidation of Oils and Fats. Part 7. The Syntheses of some w, w'-bis(3,4-dihydroxyphenyl)alkanes (2)," Journal of the Agricultural Chemical Society of Japan (Nippon Nogei Kagakukaishi), 27: 877-881 (1953)
<i>K</i>	GN	Tanzi et al. "Protein Inhibitor Domain Encoded by an Amyloid Protein Precursor mRNA Associated with Alzheimer's Disease," Nature, 331:528-532, (1988)
<i>K</i>	GO	Tawara et al. "Amyloid Fibril Protein in Type 1 Familial Amyloidotic Polyneurotherapy in Japanese," J. Lab. Clin. Med., 98(6): 811-822, (1981)
<i>K</i>	GP	Thompson et al, "Plant Proanthocyanidins. Part 1. Introduction; the Isolation, Structure, and Distribution in Nature of Plant Procyanidins," J. Chem. Soc. Perkins Trans. 1: 1387-1399 (1972)
<i>K</i>	GQ	Trojanowski et al., "Parkinson's Disease and Related Synucleinopathies are a New Class of Nervous System Amyloidoses," Neurotoxicology 23:457-460 (2002)
<i>K</i>	GR	Tückmantel, "Studies in Polyphenol Chemistry and Bioactivity. 1. Preparation of Building Blocks from (+)-Catechin. Procyanidin Formation. Synthesis of the Cancer Cell Growth Inhibitor, 3-O-Galloyl-(2R,3R)-epicatechin-4J,8-[3-O-Galloyl-(2R,3R)-epicatechin]," J. Am. Chem. Soc. 121:12073-12081 (1999)
<i>K</i>	GS	Ueda et al., "Molecular cloning of cDNA encoding an unrecognized component of amyloid in Alzheimer's disease," Proc. Natl. Acad. Sci. USA 90:11282-11286 (1993)
<i>K</i>	GT	Upton et al, "Novel 5,8-Diazabenzoc[ <i>c</i> ]phenanthrenes: Synthesis and Mutagenicity," Journal of Pharmacy and Pharmacology 50(5): 475-482 (1998)

Examiner Signature <i>Raymond Cometa</i>	Date Considered <i>7/3/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 17170-004001(25835-4003)	Application No. 10/684,178
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))			Applicant Gerardo M. Castillo et al.	
			Filing Date October 10, 2003	Group Art Unit 1625
Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document		
<i>f</i>	GU	Van Broeckhoven et al. "Amyloid J Protein precursor gene and Hereditary cerebral hemorrhage with amyloidosis (Dutch)." Science, 248:1120-1122 (1990)		
<i>f</i>	GV	Van der Eycken et al., "The Synthesis of 4-Desoxy-2-Azapodophyllotoxins," Tetrahedron Letters 30(29): 3873-3876 (1989)		
<i>f</i>	GW	Verchere et al, "Islet amyloid formation associated with hyperglycemia in transgenic mice with pancreatic beta cell expression of human islet amyloid polypeptide," Proc. Natl. Acad. Sci. U.S.A. 93: 3492-3496, (1996)		
<i>f</i>	GX	Vogel's Textbook of Practical Organic Chemistry, 5th ed. Furniss, B. S. et al. (Eds.), London : Longman Scientific & Technical ; New York : John Wiley & Sons, 6.142:1044-1045 (1989)		
<i>f</i>	GY	Vogel's Textbook of Practical Organic Chemistry, 5th ed. Furniss, B. S. et al. (Eds.), London : Longman Scientific & Technical ; New York : John Wiley & Sons, 6.143:1045-1046 (1989)		
<i>f</i>	GZ	Vogel's Textbook of Practical Organic Chemistry, 5th ed. Furniss, B. S. et al. (Eds.), London : Longman Scientific & Technical ; New York : John Wiley & Sons, 6.139:1040-1041 (1989)		
<i>f</i>	HA	Wakabayashi et al., "Accumulation of $\alpha$ -Synuclein/NACP is a cytopathological feature common to Lewy body disease and multiple system atrophy," Acta Neuropath 96: 445-452 (1998)		
<i>f</i>	HB	Wattanasin et al, "An Improved Procedure for the Preparation of Chalcones and Related Enones," Synthesis 1980(8): 647-650 (1980)		
<i>f</i>	HC	Westermarck et al., "Amyloid and polypeptide hormones: what is their interrelationship?," Amyloid: Int. J. Exp. Clin. Invest. 1:47-60 (1994)		
<i>f</i>	HD	Westermarck et al., "Quantitative Studies of Amyloid in the Islets of Langerhans," Upsala J. Med. Sci. 77:91-94 (1972)		
<i>f</i>	HE	Westermarck et al., "The Influence of Amyloid Deposits on the Islet Volume in Maturity Onset Diabetes Mellitus," Diabetologica 15:417-421 (1978)		
<i>f</i>	HF	WHO-IUIS Nomenclature Sub-Committee, "Nomenclature of amyloid and amyloidosis," Bulletin of the World Health Organization, 71(1): 105-108 (1993).		
<i>f</i>	HG	Williard et al., "Boron Trihalide-Methyl Sulfide Complexes as Convenient Reagents for Dealkylation of Aryl Ethers," Tetrahedron Letters 21:3731-3734 (1980)		
<i>f</i>	HH	Wood et al., "I-synuclein fibrillogenesis is nucleation-dependent," J. Biol. Chem. 274:19509-19512, (1999)		
<i>f</i>	HI	Zhang et al, "Potentillanin, A Biflavanoid and a procyanidin glycoside from potentilla viscosa," Phytochemistry 27:3277-3280, (1988)		

Examiner Signature <i>Raymond Conzola</i>	Date Considered <i>7/3/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	